

19970722.qrp qrp-por0.794
>From owner-qrp-l@lehigh.edu Mon Jul 21 18:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
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>Date: Mon, 21 Jul 1997 19:03:08 EDT
>Sender: owner-qrp-l@lehigh.edu
>Precedence: bulk
>From: qrp-l@lehigh.edu
>To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
>Subject: QRP-L digest 794
>Mime-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Message-Id: <97Jul21.190310edt.35078-36818+175@fidoii.cc.Lehigh.EDU>
>Status: 0

QRP-L Digest 794

Topics covered in this issue include:

- 1) [23422] First time kit builder
by aa8yo@tir.com (aa8yo)
- 2) [23423] Ft. Tuthill
by Bob Hightower <ki7mn@dancris.com>
- 3) [23424] Re: iambic practice
by "Marshall Emm" <mgemm@ntechnologies.com>
- 4) [23425] CA3160
by Larry Jones <ljones@flash.net>
- 5) [23426] re: need advice on spending \$
by Dave & Connie Matthews <dmatt@frontiernet.net>
- 6) [23427] Traveling Radio Box &c: Preparations for Departure
by NilsBull@aol.com
- 7) [23428] 6m QRP
by tim_hynde@idecc.com
- 8) [23429] What This List Has Done for Me
by af852@rgfn.epcc.Edu (William R Colbert)
- 9) [23430] Pre-amps for counters
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 10) [23431] Re: Wanted: Mnemonic for color code
by WD6BOR@aol.com
- 11) [23432] 38S lives on in a new box! (Sorta long)
by gsurrency@juno.com (Gary L L Surrency)

- 12) [23433] ND SD Expedition
by AlK0FRP@aol.com
- 13) [23434] Re: Wanted: Mnemonic for color code
by David.Reid@asml.nl (David Reid)
- 14) [23435] Re: Wanted: Mnemonic for color code
by VU3CRJ <crjkumar@wipsys.soft.net>
- 15) [23436] Murphy Mnemonic & Apologies
by VU3CRJ <crjkumar@wipsys.soft.net>
- 16) [23437] re: first time kit builder
by ea8yu Goran <rodriguez@jet.es>
- 17) [23438] More 50 ohm dummy load info
by Mike Czuhajewski <wa8mcq@u1.abs.net>
- 18) [23439] Wtd: used Norcal 40A
by ROBERT PENNEYS <radio@UDe1.Edu>
- 19) [23440] Oak Hills Research site
by Clark Fishman <cfishman@pica.army.mil>
- 20) [23441] Re: Oak Hills Research site
by John Sullivan <sullivjd@sound.net>
- 21) [23442] Tnx
by Clark Fishman <cfishman@pica.army.mil>
- 22) [23443] WAS Aid for the Impatient Operator...
by wb2vuo@juno.com (William K Hibbert)
- 23) [23444] Re: Using an hf vee beam on 50MHz
by Rick Powell - WB6JBM <ripowell@mpna.com>
- 24) [23445] Re: Soldering and PJ's
by John Evans - N0HJ <jaevans@codenet.net>
- 25) [23446] Re: Soldering and PJ's
by Chris Trask <ctrask@primenet.com>
- 26) [23447] QSLing coment
by rbstalker@CCGATE.HAC.COM
- 27) [23448] BEES, BEES (UPDATED ROSTER)
by Russ Carpenter <russ@natworld.com>
- 28) [23449] French contact
by David Adams <adamsclan@netgate.net>
- 29) [23450] Re: QUESTION
by Ray Anderson <Raymond.Anderson@Eng.Sun.COM>
- 30) [23451] ICOM 706 MkII for QRP???
by James P Rybak <jrybak@mesa7.mesa.colorado.edu>
- 31) [23452] Re: QSLing coment
by Harvey Hetland <n6mm@earthlink.net>
- 32) [23453] RE: Can't hear W1's from 7 land
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 33) [23454] QSL rates
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 34) [23455] Jade products email/webpage?
by Paul Erickson <paul1@wizard.ucsf.ca>
- 35) [23456] Re: iambic practice
by "Marshall Emm" <mgemm@mtechnologies.com>

- 36) [23457] Re: Wanted: Mnemonic for color code
by Bob Okas <vintage@best.com>
- 37) [23458] Re: KH6AFS - 2watts from Hilo, HI
by Ed Loranger <we6w@qsl.net>
- 38) [23459] R.T. Burton es 8640B generators
by John Evans - N0HJ <jae@codenet.net>
- 39) [23460] RE: Can't hear W1's from 7 land
by ARDUJENSKI@aol.com
- 40) [23461] Web site info
by "Frank, G3YCC." <g3ycc@gqrpclub.demon.co.uk>
- 41) [23462] Re: Can't hear W1's from 7 land
by Ed Loranger <we6w@qsl.net>
- 42) [23463] Backpacking & satellite data
by Gary Evans <gevans@lightspeed.net>
- 43) [23464] Re: QSLing coment
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 44) [23465] Re: Soldering and PJ's
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 45) [23466] Re: Backpacking & satellite data
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 46) [23467] QSL'S VIA 'BUR0'
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 47) [23468] When is the Belton Hamfest??
by n5zgt@swcp.com (Brian Mileschosky)
- 48) [23469] RE: Can't hear W1's from 7 land
by Dale Anderson <dalea@artemis.fc.hp.com>
- 49) [23470] Re: Price for Alinco DX-70 T in USA please
by Stephen John Farthing <stephen@stevef.demon.co.uk>
- 50) [23471] QSLing coment
by rbstalker@CCGATE.HAC.COM
- 51) [23472] RE: Can't hear W1's from 7 land
by ARDUJENSKI@aol.com
- 52) [23473] FS TenTec QRP
by aluscre@marconi.w8upd.uakron.edu (Anthony Luscre)
- 53) [23474] Code practice freeware?
by "Jeff Casey" <WB5GWB@sprynet.com>
- 54) [23475] Resistor Color Code (THE EASY FUN WAY)
by Paul Mackanos <w2pj@FRONTIERNET.NET>
- 55) [23476] FS MFJ 9020
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)

Date: Sun, 20 Jul 1997 19:50:12 -0400 (EDT)
From: aa8yo@tir.com (aa8yo)
To: qrp-l@LEHIGH.EDU
Subject: [23422] First time kit builder
Message-ID: <199707202350.TAA24622@tir.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I'm a newcomer to the "QRP Scene" I want to build a 30 meter kit. With the proliferation of QRP kits available, I'm having a tough time deciding which one to get. My total experience building kits of any sort is exactly none, so it cannot be too difficult. I've kinda narrowed my selection down to either an EMTECH or OHR kit, but not committed to either.

Your comments are appreciated es 73,

Bob / aa8yo@tir.com

Date: Sun, 20 Jul 1997 16:51:36 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-1@LEHIGH.EDU
Subject: [23423] Ft. Tuthill
Message-ID: <199707202351.QAA22678@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Guys, this is the week of the Ft. Tuthill Hamfest and also, the first ever
>Ft. Tuthill QRP Forum being headed by Roger Hightower and the guys from
>Arizona. They have arranged for 7 QRP forums (NONE were offered last
>year), a unique QRP barbeque and show and tell affair Saturday evening,
>group camping (at a site with SHOWERS) and lots of fun in a beautiful
>setting. If you have been wavering about attending, please get off the
>fence and plan to join us in Flagstaff. I guarantee it will be fun.

>

>NO charge to get in, bring your
>own food to the cookout and lots of fun. By the way, Flagstaff is set in
>beautiful pine trees, and is on a mountain top. It is NOT in the desert.
>See you Friday.

>

Just want to add (correct) one thing....bring your own meat...Cowboy beans,
h/b potato salad will be furnished.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Sun, 20 Jul 1997 18:06:01 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: No Other Than <mitch96@herald.infi.net>
Cc: qrp-1@LEHIGH.EDU
Subject: [23424] Re: iambic practice
Message-ID: <199707210006.SAA20890@lynx.csn.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

FWIW, speaking poetically, the opposite of an iamb is a dactyl, with the stress on the secon syllable. So an iambic keyer could just as easily be called a dactylic keyer if you happen to start with the dah rather than the dit [g]. Also FWIW the Morse period (di-dah-dah-dah-dah) is poetically a line of iambic trimeter.

Here, just for the fun of it, is (perhaps) the world's first Limerick in Morse. Note that the scansion is perfect-- in the real world most Limericks have an extra dit here or there. Who says Morse is no longer useful?

WWA
WWA
RR
RR
WWA

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Sun, 20 Jul 1997 19:46:02 -0500 (CDT)
From: Larry Jones <ljones@flash.net>
To: qrp-l@LEHIGH.EDU
Subject: [23425] CA3160
Message-ID: <199707210046.TAA18056@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings gang...

Just a tib bit of info. For those that don't know it, the CA3160 was originally an RCA part. Harris Semi purchased RCA Semi a few years ago. I found this out one day while searching the web.

72/73 & God Bless...

Larry Jones N50SG <>< NORTEX QRP-ARCI G-QRP MI-QRP CQC NorCal
4028 Random Circle NE-QRP QRP-L ARRL NTMS CSVHFS
Garland Tx 75043-3250 EM12QU 96.62 W LONG 32.87 N LAT

"The surest sign that intelligent life exists elsewhere in the universe is
that it has never tried to contact us." - Bill Watterson, CALVIN & HOBBS

Date: Sun, 20 Jul 1997 20:31:30 -0500
From: Dave & Connie Matthews <dmatt@frontiernet.net>
To: qrp-l@Lehigh.edu
Subject: [23426] re: need advice on spending \$
Message-ID: <199707210034.UAA28890@node1.frontiernet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joel Kluender NF9K wrote:

-- zap a bunch of text

> I noticed that the OHR-400 is currently on sale for ~\$200 and was
> wondering if this is a good choice. It looks cool, but I don't know much
> about it. Do you think this would be a good choice? Any alternative
> suggestions that would be in the same price range.? There is no requirement
> that I buy just one kit - I could buy several smaller kits, if I so choose.
> Let me know what y'all think...

Joel,

I can't make any comments about the OHR-400 but I do have an Explorer 2 that had some birthing problems. OHR provides wonderful product support and I would not hesitate to buy from them again. They are a good outfit that stands by their products. I would assume the OHR-400 to be about the same quality as the Explorer 2 - excellent.

Dave
KB2YWT

Date: Sun, 20 Jul 1997 21:22:53 -0400 (EDT)
From: NilsBull@aol.com
To: QRP-L@LEHIGH.EDU
Subject: [23427] Traveling Radio Box &c: Preparations for Departure
Message-ID: <970720212252_593123139@emout02.mail.aol.com>

Gang,

The box of radio stuff that I have on my web pages (<http://users.aol.com/nilsbull>) has gotten its final going over. Which means I changed all the little hinges to piano hinges, put in a bunch of velcro to keep the wandering heavy stuff in place, and found all the weak slobber joints while showing the whole deal off to Chuck, the guy who lives behind me. He was a radio operator in the Army during the war (Mediterranean ops) and later in the Navy when he wasn't having enough fun. Kinda embarrassing to show off the antenna tuner which won't tune 'cause the input connections were busted off.

Anyway, I don't think I could sell this package to the Eastern Turkistan Liberation Front. Weighs too much. Like 25 lbs, fully loaded, charged & ready for stumbling around mountain passes. Big rectangular grey box with brass corners. Nice target.

One of the guys whose web page is listed through the NorCal page has a page full of stuff about his set up. (And no, I can't remember his name 'cause I can't remember his call and I can barely remember where I hung my keys up when I came in the door after watching "Contact," but that's another story.) The set up in the linked pages is in a soft-pack computer bag, I think. Solar

panel (smaller 'n mine, no doubt), key, paddles (I think), and, if memory serves, a NC40a.

So why I not replicate that one? Well, I'm a nut about knowing where I am. I figure that, since I can't keep track of my keys, how the hell am I gonna keep track of what frequency I'm on? So I like digital radios. Which means, since I ain't got a Sierra, that I'm packing S&S rigs. Well, maybe two.

This is gonna be interesting. I've got the tuner (Rainbow bridge &c) hooked up to run 1/4 and 1/2 wave wires. I evened tuned up on some junk wire that I had laid out on the floor in the bedroom where the radios are. Great W1AW signal (as in "only enough power to communicate," maybe?).

No promises, but I'll lurk on 30m, around the usual spots (where all the digital crap is, like 10.106, 10.116, 10.130 [yeah, right]) and see what happens. If any of youse hear me, (a) it'll be a miracle and (b) gimme a call.

Now, about this power drop thing Prime numbers, right? . . . Are the Envirotech (501F I think's the number) still only \$58.95 + \$5.50 postage? Guess I'll find out, ne?

73

Nils

WB8IJN &c

. . . man, "Contact" was great. . . too bad the Men in Black had to screw up the works for the rest of clue-less humanity . . . but then, the stars are beautiful . . . they really are (FLASH!!!) . . . now what were we talking about?

Date: Sun, 20 Jul 97 21:38:44 -0800

From: tim_hynde@idecc.com

To: <qrp-1@Lehigh.edu>

Subject: [23428] 6m QRP

Message-ID: <9707208694.AA869451148@idec_mail.idecc.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

I've built a few projects, all for HF, some kits, a couple scratch built. I want to do something on 6m now. I've seen the QRP rig in the QRP classics and I guess I'll default to that one unless someone can

point out a better design.

Can anyone reference an article or web site containing a schematic for a 6m rig? CW only is ok. I see Ten Tec has a simple NE602 converter kit, but to be honest thats a little too simple.

A converter perhaps instead of a rig? Something from scratch though.

Any thoughts? Tim, ka8ddz

Date: Sun, 20 Jul 97 21:03:22 MDT
From: af852@rgfn.epcc.Edu (William R Colbert)
To: qrp-l@Lehigh.edu
Subject: [23429] What This List Has Done for Me
Message-ID: <9707210303.AA13797@rgfn.epcc.Edu>

Re: N4JS's comments I have to echo those comments. I don't know about the rest, but I am still learning (slowly at times) and I corrolate (sp?) this list with my early days of listening to 75 meters at night when I was still a SWL, then a novice, and later general class beginner. The groups i listened to were some of the first pioneers in radio - W4AD was one in particular - helped Deloy and others with the first transatlantic tests. My point is that those many hours of listenings were many theoretical questions and answers of radio receivers, transmitters, antennas and other accessories. Today, the same is present in this QRP-L group with many questions, many many answers, designs and discussions proffered, and all in all a genuine learning experience unavailable anywhere else. This time it is visual rather than aural. The singular contributions complement the many, as do the many opinions. If one were to unsubscribe the loss would eventually be felt by the many as those contibutions would no longer be available. I know I hate even to postpone for a camping trip (have my son download my mail for later reading).

Not really a qrp item but I guess a thanks to all for their efforts to this list. And to keep up the good work, all.

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

Date: Sun, 20 Jul 1997 22:18:20 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.edu
Subject: [23430] Pre-amps for counters
Message-ID: <2.2.32.19970721031820.0068db50@molsun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi,

Fried 2 video op-amps today learning not to breadboard these guys.
Neatness counts even if (intended) input signal is 1 kHz. Got a trace of
what looked to be about 1 MHz oscillation before i burned my finger on the
chip. RIP.

Good news, though, ready to now align the ohr-100. While standing behind
and unplugging my Tek 465 o-scope, got reminded that the rear panel has an
output from the channel 1 vertical amp. A few quick checks, and now the mfj
tuner and the DMM are ready to be useful as a frequency counters with high
input impedance. Don't have to build the probes either.

Since i already bought a bunch of high frequency amp ic's, i'll still get
a separate preamp together, but its priority has just dropped. i gotta get
the ohr up and get on the air.

73,
--adam, n2brt
adam-kanis@uiowa.edu

Date: Mon, 21 Jul 1997 00:03:31 -0400 (EDT)
From: WD6BOR@aol.com
To: qrp-l@lehigh.edu
Subject: [23431] Re: Wanted: Mnemonic for color code
Message-ID: <970721000328_-257673813@emout18.mail.aol.com>

<< In case I've lost you here, I'm looking for something like "Every
> Good Boy Does Fine" which denotes the lines/notes (E,G,B,D,F) on a
> treble clef music staff, for the color code Black Brown Red Orange
> Yellow Green Blue Violet Gray White.
>>

Marshall and the group,

I tussled with this problem every year with the class I teach for the electrical apprenticeship and finally came up with the idea of giving each student a one inch long piece of rainbow ribbon cable with the colors starting with brown and going through black. I know it's not the way we learned it back in high school electronics shop but it gives them a learning aid to refer to for long enough that they finally know the color code through using it. If you have trouble with the idea of them learning the numerals one through zero, just rip the first nine wires off a forty or fifty wire ribbon and go from there.

Works for me.

Darrel, WD6BOR

Date: Sun, 20 Jul 1997 21:58:24 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: qrp-1@Lehigh.edu
Subject: [23432] 38S lives on in a new box! (Sorta long)
Message-ID: <19970720.215840.6718.0.gsurrency@juno.com>

Well, I got it all stuffed in the little box and doggone if it doesn't work better than it did!
Could be the shielding makes a difference, but I thought some had said they had problems after it went in a metal cabinet. Not so with mine! :-)

Still gotta figure out what color to paint the front and rear panel, but it came out real nice anywho, so I'll probably bring it to Tuthill unfinished to be critiqued by those who know more than me (and there's plenty of them!).

I did the infamous RIT mod, and although it works it DID introduce some slow drift as the diodes settle into whatever it is they are doing in there. Not too bad tho', so I'll probably try some hot carrier diodes, or more (yikes!) bypassing to see if I can put the brakes on the oscillator. If that doesn't work, then it'll be the saturated transistor mod that has

appeared here and in QRPP.

I must have the output filter network spot-on, 'cause if I compress or spread the windings on the two inductors, I can get from about 3w to around 7 or 8 watts at a supply of 13.8 v. And it looks clean on the scope and sounds good in the ARK30 too.
On a 12v gell cell it easily does 5w.

C505 and C26 are 560pf SM, and C25 is a 1000pf SM. L3 has 11 turns L4 has 12.

The TiCK is installed and works nicely. I have two 3.5 mm jacks on the rear panel. The 3 conductor one for the paddles that makes a nice sidetone, and the 2 conductor one for my HB keyboard that has no sidetone, since the keyboard has its own. I can leave 'em both connected, and switch back and forth at will. Nice.

I do need a headphone jack that is isolated from ground, so the L and R channels are floating above the chassis. I currently have the L & R channels in parallel, lacking a method to ground-isolate the jack, but the volume is OK with the headphones I use. I have a LM386 amplifier module around here, but I'm not sure I need it or the added complexity.

The RIT mod changed my nice frequency coverage of 10.101 - 10.122 to about 10.104 to 10.119. Lacking a proper 6.8 uH choke, I did the wire-wrapped-around the 4.7uH thing. I helped out some, and now with about 2 turns of #30 over the original 4.7uH choke I have 10.101 to 10.119 Mhz.

Yeah, the RIT has a lot better range at the low end of the band than the high end. So much for varactor diode linearity. But it doesn't move the transmit freq at all when I turn the RIT during keydown, so it will stay in there. Besides, it makes the front panel look better with the extra knob ;-)

Oh yes, I used the gray thermal pad for the IRF510 PA, and it runs real cool with the entire back aluminum panel to heat sink it. I mounted it with a 4-40 nylon screw and nylon nut so I wouldn't have to bore a larger hole out and use the nylon shoulder washer as you would with a metal screw. Same thing for the 7808, but I couldn't find the rest of my computer-salvaged-thermal pads, so it got a mica washer. Not to worry, tho', cause it isn't making much heat anyway. None of that white silicon grease needed! Yechhh!

Heck, I ran keydown for a couple of minutes at 7+ watts into a dummy load and could hardly detect any heating of the rear panel at all, so it sure beats the R/S heatsink!

Had a nice chat with Larry, K5JB in Ft. Worth tonight. He gave me a 469 w / QRN and QSB bad. I'm using a very low mounted 30m sloper pointed SW (if it has any directivity at the low height!). At least the high angle radiation was getting into Texas. He noticed the slow drift as I did, but said he could keep track of me with his RIT. Irony isn't it! My RIT circuit is making me drift so he can use his RIT to track me! :-p

Well, after we signed, I heard someone calling me. Very weak and in the QSB/QRN too. I finally managed to pull out the entire callsign after 4 or 5 exchanges. It was XE1 / K8ZAA. Please send me an email OM, if you are on this list. It was nice to work Texas and Mexico on the same evening I gave the 38S its new box! :-)

Nils, I'm ready for you now! Got the 38S and the ARK30 both spewing RF!

I would like to thank all of you guys that designed, built, de-bugged, fried(!), etc. the 38S project. It just might be the most popular lil rig ever built, and certainly it has spawned a tremendous amount of tinkering and learning. It is amazing how simple the little rig is and how much it can do. Thanks everybody!

PS. I'm reading Carl Sagan's book Contact, and it is a LOT different than the movie. About halfway thru it now, but he made several positive comments about radio amateurs in it so far, so either he was a ham or knew folks that were. I have three of his books: Cosmos, Comet, and Contact - all recommended reading.

72 & gn,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions

Date: Mon, 21 Jul 1997 01:13:55 -0400 (EDT)
From: AlK0FRP@aol.com
To: qrp-l@Lehigh.edu
Subject: [23433] ND SD Expedition
Message-ID: <970721011355_1212278582@emout03.mail.aol.com>

Gang

WOW

Well you would think I was going to MT Altos in Greece. Ok the Sierra is

packed, Both 20 and 40 modules , plus mobile antennas for 40/20m. My skedual is kind of tentative so can't pin down times but will try to work between 0100z and 0400 z on 40 and maybe earlier on 20m. I will be in SD only Monday Nite and can be on early that nite. Tuesday nite i'll be in International falls MN . Wednesday Thursday and Friday nite in ND. I know Wednesday nite will be late. I will leave International Falls and drive to Minot ND only 570 miles. Thats a ten hour drive so Thursday and Friday may be better for a early shot.

I can't be mobile in motion because I will have a rental car and a mag mount. Sorry about that National rental car does not supply bumper mounts. Ski racks maybe.

I will try a dipole on 40, will bring my sling shot and fishing line and hope to find a tree. In ND the state tree is the telephine pole. Now most telephone is underground so the poles are rare.

I will not answer every one individually so thanks for the response. I will do it with that much interest.

Hope I can work all that need ND and SD. see ya
Back to the birthplace ND
Yah You betcha (Quote from the movie FARGO)
Al K0FRP

Date: Mon, 21 Jul 1997 08:30:52 +0200
From: David.Reid@asm1.nl (David Reid)
To: qrp-l@lehigh.edu
Subject: [23434] Re: Wanted: Mnemonic for color code
Message-ID: <199707210630.IAA23990@wspub002.asm1.nl>

for a non-PC version try:

Big Breasted Redheads Or Young Girls are Beautiful, Voluptuous, Gorgeous, Women.

(sorry)

73
Dave
PA3HBB / G0BZF

Date: Mon, 21 Jul 1997 12:49:30 +0530
From: VU3CRJ <crjkumar@wipsys.soft.net>
To: qrp-1@Lehigh.edu
Subject: [23435] Re: Wanted: Mnemonic for color code
Message-ID: <33D30D82.DFFEF4BF@wipsys.soft.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Caught up with this thread just now.
Wonder if this one was heard here before:

BB ROY, Good Boy, Very Good Wife
01 234 4 5 7 8 9

Yes, good boys get very good wives :-)

72 de jay, vu3crj

Date: Mon, 21 Jul 1997 14:13:33 +0530
From: VU3CRJ <crjkumar@wipsys.soft.net>
To: qrp-1@lehigh.edu
Subject: [23436] Murphy Mnemonic & Apologies
Message-ID: <33D32135.54EC0653@wipsys.soft.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In my earlier posting I wrote:

> BB ROY, Good Boy, Very Good Wife
> 01 234 4 5 7 8 9

See how I typed 4 twice, and missed 6 to finish smoothly with
a 9 below 'wife' !

Do I see Mr. 'Murphy Mnemonic' here ?

Apologies to everyone, I should not have placed

those numbers there at all ! It was my failed attempt to be 'complete and accurate'.

72, de jay, vu3crj

Date: Mon, 21 Jul 1997 11:20:09 +0100
From: ea8yu Goran <rodriguez@jet.es>
To: qrp-l@Lehigh.edu
Subject: [23437] re: first time kit builder
Message-ID: <1.5.4.32.19970721102009.0067d7a0@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Bob,
The EMTECH is very good. The construction manual leads you step by step through the project and, for me an especial nice feature, you test each sub circuit as you go on. If you get this kit, buy the optional audio filter too. I would get the original box too, making your own gives a lot of work.

I am just boxing my 20 meter version in a plywood box with all the controls on top, easier to use when camping etc. Putting in a Tlck keyer, Nicads with constant current charging system, the audio filter, a super simple SWR indicator and a low voltage warning system (filched from a model airplane). Box size 14 x 14 x 6 cm. I have been using the rig in breadboard form and it works fine.

Saludos and good luck with the building!

Goran ea8yu

Date: Mon, 21 Jul 1997 07:34:41 -0400 (EDT)
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
To: qrp forum <qrp-l@Lehigh.edu>
Subject: [23438] More 50 ohm dummy load info
Message-ID: <Pine.BSI.3.93.970721073319.24852A-100000@u1.abs.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

In the recent thread on dummy loads for QRP, someone suggested using computer network terminators, the 50 ohm ones with BNC connectors. I tested four of those that K3TKS gave me, of 3 different types, on an HP 8753C network analyzer. They weren't exceptionally good at 1 GHz, with two giving an SWR of 1.6:1. However, even as high as 450 MHz they were still quite usable; the worst was 1.19 and the other were 1.09 or lower, and at 30 MHz all were below 1.02.

I also made a load from a 4 hole, chassis mount BNC connector and a pair of those Radio Shack 100 ohm, 1 watt metal oxide resistors. Keeping the wires as short as possible, I soldered one end of both resistors to the center terminal and the other ends to diagonally opposite holes in the base. This one looked quite good on the network analyzer as well; at 30 MHz the SWR was under 1.02, barely over that at 50 MHz, 1.04 at 144 MHz, 1.12 at 450 MHz, and at 1 GHz it was 1.28.

The Radio Shack resistors make a load with a nominal rating of two watts. I don't know what the rating is on the computer network terminators, but would assume that they consist of a single, low wattage resistor since they are not for high power applications. I'd take it easy on one of them unless you positively know the power rating, but they'd still make pretty good test equipment terminations.

73 and Queue Our Pea DE WA8MCQ

wa8mcq@abs.net

Date: Mon, 21 Jul 1997 07:52:22 -0400 (EDT)
From: ROBERT PENNEYS <radio@UDe1.Edu>
To: qrp-1@Lehigh.edu
Subject: [23439] Wtd: used Norcal 40A
Message-ID: <199707211152.HAA04708@copland.ude1.edu>

Wanted - used Norcal 40A. Please e-mail to rgp@hamradio.com. Tnx, Bob N9GG

Date: Mon, 21 Jul 97 07:56:44 EDT
From: Clark Fishman <cfishman@pica.army.mil>

To: qrp-1@Lehigh.edu
Subject: [23440] Oak Hills Research site
Message-ID: <9707210656.aa02310@pa1.pica.army.mil>

What is the URL for OHR's website

Clark WA2UNN cfishman@pica.army.mil

Date: Mon, 21 Jul 1997 07:20:22 -0500
From: John Sullivan <sullivjd@sound.net>
To: qrp-1@Lehigh.edu
Subject: [23441] Re: Oak Hills Research site
Message-ID: <33D35406.1C47@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Clark Fishman wrote:

>
> What is the URL for OHR's website
>

HTTP://www.ohr.com ought to get you there if memory serves...

72/3 KG0MZ

Date: Mon, 21 Jul 97 08:18:31 EDT
From: Clark Fishman <cfishman@pica.army.mil>
To: qrp-1@lehigh.edu
Subject: [23442] Tnx
Message-ID: <9707210718.aa01297@pa1.pica.army.mil>

Tnx to all for OHR info, wa2unn

Date: Mon, 21 Jul 1997 08:41:36 EDT
From: wb2vuo@juno.com (William K Hibbert)
To: qrp-1@lehigh.edu
Subject: [23443] WAS Aid for the Impatient Operator...
Message-ID: <19970721.084025.2063.0.wb2vuo@juno.com>

So you want a QRP WAS? Not too worried about getting 2xQRP, but just the QRP endorsement? Mixed Mode OK??? (Flame suit ON!!)

Check out the Mobile County Hunters nest on 14.336 and 7.238 MHz. I just got my cards from NE, SD, ND, MT, WY, and UT, all from working mobiles out that way on 20 Mtrs, and am waiting on the DE card from 40 Mtrs. This will leave me with AK and HI.

Yep, it's SSB. Yep, it's a Net. Yep, they are not QRP'ers. Yep, they count...

Also, during the quieter months, the 3905 Century Club works just fine. Non of the QSO's I have made were the " Roger the 22...What's his call again? " type, but a legitimate call & respond contact. If the NCS has to relay my call, it doesn't count in my book...

If you REALLY WANT your WAS, and don't consider it to be tainted by the inclusion of a Phone station or 3, it's worth considering.

It sez right here int he front of the 1972 Radio Amateurs Handbook that, "The Amateur is Balanced... Radio is his hobby..."

Balance your activity and have fun in the process. Pound brass, grab that mike, hit them keys, work a bird or 2, try some long-haul VHF/UHF weak-signal, work a contest, get on a new band, BUILD SOMETHING (or not...), but HAVE FUN!!!

Remember, Talking is one of the few distinguishing features that successfully separates Mankind from the rest of the Animal Kingdom...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, NQ2RP/B 10 Mtr QRP Beacon (QRP @ 28.287 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

"My Night Light runs more power than my Rig!!!"

Date: Mon, 21 Jul 1997 08:34:48 +0600
From: Rick Powell - WB6JBM <ripowell@mpna.com>
To: qrp-l@lehigh.edu
Cc: 102762.1311@compuserve.com
Subject: [23444] Re: Using an hf vee beam on 50MHz

Message-ID: <1.5.4.32.19970721023448.002f9b9c@smtp.mpna.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yes,,,, It was the first time in about 4 years I wanted a set of leather pants!
/rick

At 12:36 PM 7/19/97 EDT, 102762.1311@CompuServe.COM wrote:

>Greetings,

>

>Our little QRP group in southeastern Ohio had success with a vee beam on 20M on
>Field Day. Our antenna design was inspired by Ed Manuel's 1996 QRP Symposium
- clip

>right now and putting this antenna up over a brushy field is a lot of work(no
>kidding, Mr. Powell?). So first I am asking the gang here on QRP-L to let me
>know if it is practical to plan a test run.

- clip

>

>W. Mike Hansgen AA8EB
> Glouster, OH 39.498N 82.088W
> 102762.1311@compuserve.com

>

>

>

>

Argonaut 505 - MFJ 9020 - 38 Special
<http://www.mpna.com/ripowell> ripowell@mpna.com
WB6JBM/8/QRP Richard Powell
QRP-L - #1118 Cincinnati, OH
TENTEN - 13044

Date: Mon, 21 Jul 1997 07:33:43 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@Lehigh.edu
Subject: [23445] Re: Soldering and PJ's
Message-ID: <33D36537.34D9@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
>
> Howdy!
>
> Any of you that built as many HeathKits (and Knightkits) as I have, would
> have learned the resistor color code long ago. ;-)
```

Wow - I thought I was only one to do that. I remember falling asleep at the soldering iron and waking up quickly when it landed in my lap - burned a hole in both legs of my PJ's, too. I also remember a time when I could not yet afford a soldering iron - I heated up one of my aunt's old kitchen knives on the gas stove to solder with. I received no smiles from her during those days (rest her soul). Roots grow deep from those days long ago !!!

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Date: Mon, 21 Jul 1997 06:58:48 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: John Evans - N0HJ <jaevans@codenet.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23446] Re: Soldering and PJ's
Message-ID: <Pine.BSI.3.96.970721064846.15254A-100000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 21 Jul 1997, John Evans - N0HJ wrote:

> Gary L L Surrency wrote:

> >

> > But alas, my fellow students in electronics class didn't build kits so
> > they needed all the help they could get. I used to "flash" a resistor
> > before their eyes, and ask them what the value was. That little game
> > seemed to encourage them, and made the memorization a lot more fun!
> >

When I was in undergraduate school (1969-1973), other students would flash resistors in front of me, and they were amazed that I could tell the value right away. After a while, I carried a 1000pF silvered mica capacitor in my pocket (the old rectangular ones) and would use it in return. Later, in graduate school, I confiscated the Radio Shack colour wheels and taught the "Bad Boys Rape..." method, which nobody complained about (female students thought it was funny, males turned red). :{0

> > I still have the solder burn marks on my feet and legs from when I built
> > HeathKits in my pajamas when I was 10 or 12. :-)
> >

I have a couple of those on my hands. Clumsy. :{b

>

> I could not yet afford a soldering iron - I heated up one of my aunt's
> old kitchen knives on the gas stove to solder with. I received no
> smiles from her during those days (rest her soul). Roots grow deep
> from those days long ago !!!

>

I got similar results from hauling junk TVs and radios home, stripping them for parts. I'm still a scrounger. Makes you appreciate the piece price of parts (try saying that real fast) when designing a product.

Regards,

Chris

```

      /-----\
     / If you understand it, \
    /   then it's obsolete!   \
     \-----/
    _ | /
   oo\
  (--) \
   \   \ . ' . \
    \   \ /   \

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

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Technical Editor,
QRP Quarterly

Email: ctrask@primenet.com

Graphics by Loek Frederiks

Date: Mon, 21 Jul 97 07:58:28 PST8
From: rbstalker@CCGATE.HAC.COM
To: qrp-l@lehigh.edu
Subject: [23447] QSLing coment
Message-ID: <9706218694.AA869497994@CCGATE.HAC.COM>

I agree Glen.

A while back i sent out 40 QSL cards;
20 via the QSL bureau, 10 direct mailed and 10 with SASE.
results: none via bureau as it went out of business about that time,
3 SASE's were returned, 3 regular mail were returned and 4 of those
that went to bureau came back regular mail. An over all 25% and no
difference between SASE or not.I guess it is another sign of the
times.

72/73 W7GVN ROD TUCSON

Date: Mon, 21 Jul 97 08:38:58 -0700
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [23448] BEES, BEES (UPDATED ROSTER)
Message-ID: <199707211538.IAA13496@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Here's the updated roster for the Bumblebees. They'll be buzzin' around
on July 27. For details, see the rules below.

Lorraine AC6XK Mt. San Jacinto, CA

Cam	N6GA	Near Claremont, CA
Russ	AA7QU	Volcano in Oregon Cascades
Bill	KD7S	Kings Canyon National Park, CA
Bob	KI0G	White River National Forest, CO
John	N3Q00	Barr Camp, east of Pikes Peak, CO
Randy	AB7TK	In the mountains near McCall, ID
Jeff	N0WCF	Pending
Chuck	K5FO	White Rock Lake, near Dallas, TX
Jim	K7KBD	Pending
Don	WA4IML	Watson Mill Bridge State Park, GA
Dave	N0IBT	City of Boulder Mountain Parks, CO
Dan	N7CQR	Mountains near McKenzie River, OR
John	VE3JC	From a canoe, Thames Riverr, ONT
Dean	N2TNN	Afloat in Barneгат Bay, NY
Richard	KI6SN	Box Springs Mountain, CA
Dave	NN1G	Talcott Mountain State Park, VT
Joe	AB7TT	Kendrick Peak, near Flagstaff, AZ
Richard	K7SZ	Lake Wallenpaupak , Poconos, NY
Walt	KB2JE	Slide Mountain, NY
Richard	KF6CTA	Monument Peak, near San Diego, CA
Kent	AB70A	In the mountains near Prescott, AZ
Rick	N7TN	Pacific Crest Trail, near Truckee, CA
Brad	WB0CGH	Lake Lewisville, TX
Wayne	N6KR	At the edge of San Francisco Bay, CA

Seab	AA1MY	Huntington State Park, NY
Jack	W5TFB	Pending
Mike	AH7R	Near Chinaman's Hat, Oahu, HI
Bob	W4ED	Near Springer Mtn, GA
Doc	K0EVZ	Pending
Mark	N2VPK	Allen Lake, NY
Dan	N4ROA	Clinch Mountain, VA
John	K06TS	Pending
Bruce	W6TOY	Silver Spring, MD
David	W7AQK	Pending
Eric	WD8RIF	Athens Country, southeast OH
Dale	KB0VCC	Nokhu Craggs,, near Cameron Pass, CO
Dick	W0CQC	Lost Creek Wilderness near Bailey, CO
Joel	WA1QVM	Top of 8 story buillding, Cambridge, MA
Jim	W6QO	Kennesaw Mountain, GA
Ron	K4WK	Stone Mountain, GA
John	W7RFM	Pending
Tony	W2GUM	Twin Lights Lighthouse, NJ
Bill	N3WST	Pending
John	N4JS	From sailboat in Delaware Bay, NJ
Ed	N5EM	Hall Road Park, near Houston, TX
Dave	KG0ZT	Apple orchard near Rochester, MN
Randy	WJ4P	Mountains near Jasper, Alberta
Paul	AA4XX	Black Balsam, NC

Don WD6GYJ In the Sierras near Bridgeport, CA

1. This is a four hour event, running from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours of operation accommodate all four time zones. No matter where you live, there is time to for the Bumblebees to travel to their sites, set up their stations, operate the contest, and travel back to their cars.<P>
2. Both home-based and portable operations are encouraged. Bumblebees are appointed by ARS. They walk, bike or boat to their sites and sign /BB. The distance travelled to the site is at the Bumblebee's discretion.<P>
3. Maximum power is five watts. We operate CW on 40, 20, 15 and 10 meters, on the standard QRP frequencies of 7,040, 14,060, 21,060 and 28,060 KHz. We want this to be a national contest, so we encourage long-range contacts by giving double points for 20, 15 and 10 meters. 40 meter contacts receive one point. The same station may be worked on different bands for additional QSO points and multipliers.<P>
4. Any station operating the contest may contact any other participating station, whether that station is a Bumblebee or a home-based station. Any station may call CQ.<P>
5. Contacts with Bumblebees generate a 3X multiplier. So your score equals QSO points times (number of Bumblebees times three). Here is an example. If you make 20 contacts on 40 meters and 30 contacts on the higher bands, and make a total of 25 Bumblebee contacts, your score is $(20+60) \times (25 \times 3)$, or 6,000.<P>
5. The exchange is RST, state/province/country, and your first name.<P>
6. Separate but equal prizes are awarded to the home-based and Bumblebee winners.<P>
7. Participants may submit paper logs, with a two week deadline. Or participants may choose to use the ARS automated contest reporting system on the ARS web site. Results are posted during the third week of August on the QRP-L Internet Group, the ARS web site, and the ARS membership emailing system. For those who send us SASEs, we mail a paper copy of the results.<P>
8. Russ Carpenter, AA7QU, is the Contest Manager. Mail paper logs to him at 47227 Goodpasture Road, Vida, OR 97488. You can reach Russ in the following ways:<P>
 - By mail, at the foregoing address<P>

- By phone, at (541) 896-0263<P>
- By fax, at (541) 896-0310<P>
- By email, at russ@natworld.com<P>
- By the automated contest report system located within the ARS web site at:
<p align=center>

http://www.natworld.com/ars/events/bumble/submit_bumble.html.

Date: Mon, 21 Jul 1997 09:20:36 -0700
From: David Adams <adamsclan@netgate.net>
To: qrp-l@lehigh.edu
Subject: [23449] French contact
Message-ID: <33D38C54.32CA@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings folks!

Well, I finally got the kinks worked out of the hotel antenna and
am
happily hamming from Lyon, France. CW around 7.050 and 14.075.
7.040
is swallowed by what sounds like rtty. I'm usually up by 3 or 4
UTC
banging away with the CQs, so listen close...if anyone wants to try
a
sked, send the time...

73 de f/n9uxu

Date: Mon, 21 Jul 1997 09:15:40 -0700 (PDT)
From: Ray Anderson <Raymond.Anderson@Eng.Sun.COM>
To: kc4mhm@juno.com
Cc: qrp-l@lehigh.edu
Subject: [23450] Re: QUESTION

Message-ID: <199707211615.JAA04129@radium.eng.sun.com>

MIME-Version: 1.0

Content-Type: TEXT/plain; charset=us-ascii

Content-MD5: 6jIf2FTGE28VYhlzQcQ3uw==

> Date: Sat, 19 Jul 1997 11:11:10 EDT

> From: kc4mhm@juno.com (ed miller)

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Subject: QUESTION

> X-To: qrp-1@LEHIGH.EDU

> X-Juno-Line-Breaks: 0,7,10,12-13,15

> X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

>

> Gang:

> I was give an item and do not know what it is. It is marked as

> GBL ELECTRONICS MOD 400 CHANNELIZER. There are 6 rotary switches and 4

> toggle switches on the front panel. The rotary switches are marked Mhz,

> 100Khz, 10Khz (2 of each), 2 toggle switches are unmarked and 2 appear

> to be for Tx and Rx. The back panel has RCA inputs and 2 power inputs

> via feed thru caps. I was interested in the enclosure for future

> projects but after seeing what was inside I had second thoughts.

> If anyone knows what I have, and if it has any QRP use, please

> let me know. If it is useful for another purpose (assuming something

> other than QRP exists) and someone can use it please contact me.

> I have no idea what I have so I certainly don't know if it works.

>

>

>

73 de Ed

> KC4MHM@juno.com

>

Ed-

It appears you are the proud owner of an ancient synthesizer for old 2 meter rigs. I think these were popular in the lat 60's/early 70's.

Way back when most 2meter rigs were xtal controlled there were a number of external synthesizers you could add to provide synthesized operation. The GBL-400 provided 400 channels. (Beat buying 400 xtals).

73's,

Ray WB6TPU

raymonda@radium.eng.sun.com

Date: Mon, 21 Jul 1997 10:12:51 -0600 (MDT)
From: James P Rybak <jrybak@mesa7.mesa.colorado.edu>
To: qrp-1@Lehigh.edu
Subject: [23451] ICOM 706 MkII for QRP???
Message-ID: <Pine.OSF.3.91.970721100249.18879A-100000@mesa7.mesa.colorado.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am thinking about getting and ICOM 706 MkII for portable use. Before I finalize that decision, however, I have several questions which I need answered.

1. Can the output power be reduced to QRP levels? Can it be done from the front panel or must it be done by supplying an external AGC voltage?
2. Is the RIT a separate "stand alone" function or does it involve using the second VFO to control the receiver tuning?
3. Aside from the cost factor, is the IC-706 MkII a fairly good choice for portable and/or QRP use?

Thanks for any help you can provide.

Jim Rybak W0KSD

Date: Mon, 21 Jul 1997 16:12:29 -0700
From: Harvey Hetland <n6mm@earthlink.net>
To: qrp-1@Lehigh.edu
Subject: [23452] Re: QSLing coment
Message-ID: <33D3ECDD.2EE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is interesting that Rod, W7GVN, observed no difference between whether or not a SASE was included with a QSL request based on 40 such requests. However, the overall results of a 25 percent QSL return do not agree with my own experiences. Within the last 30 days I decided to try completing my 160m non-QRP WAS and my mixed-band QRP WAS by collecting cards. I sent out close to 100 cards with SASEs, about 50 to non-QRPers for 160m WAS and about 50 to mostly QRPers for QRP WAS. My returns on the those for the QRP WAS is better than 80 percent. The returns on the non-QRP group is approaching 60%. This is with only 30 days for the returns, and some cards are still arriving. I was pleasantly surprised that in my rather informal test the amateur radio community compared favorably with the return rate of the 1960s. I now need confirmations from NY, NC, KS and DE to complete my QRP WAS, and I will be searching my log for some recent QSOs from those states. There is an art to QSLing in order to obtain a high return rate. Each address was compared against a CURRENT FCC database; a personal, handwritten note was on each QSL; each card was filled in neatly by hand (no computer); date and time were in UTC and the QSL format was carefully designed. My QSL cards are very cheap, simple, printed at home on a LASER printer on 90 pound card stock.

My thanks to the many QRP-L members who responded to my QSL requests.

73, Harvey, N6MM QRP ARCI #51 FISTS #2194

Date: Mon, 21 Jul 1997 12:50:07 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-l@Lehigh.edu
Subject: [23453] RE: Can't hear W1's from 7 land
Message-ID: <46208.owen@piper.eeel.nist.gov>

In message Sat, 19 Jul 1997 14:34:59,
Steven Weber <kd1jv@moose.ncia.net> writes:

> Don't fell bad, I can't hear any 7's from my Northern New Hampshire QTH.
> At least not on 40. In fact my signal seems to stop at the Mississippi.
>

Under the present conditons you can just about forget working from the East coast to the West coast on 75 or 40 meters. Propagation usually doesn't allow it. However, it can be done quite frequently on 20M and maybe 30M.
>From Maryland on 20M I usually start hearing the West coast about 5 PM EDT (2100Z) and around 8PM (0000Z) they get quite strong. A good frequency to monitor is the mobile county hunters on 14.336 Mhz as there is activity from around 9AM (1300Z) until 10PM (0200Z) or later. By monitoring the mobiles that are running and the stations that are calling them you can

tell the area into which you should be able to work. 72/73 Jim K4CGY qrp-l #72

Date: Mon, 21 Jul 1997 11:42:31 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [23454] QSL rates
Message-ID: <Pine.3.89.9707211124.D2689-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After many QSLs, I have found that "Joe Average Ham" will be pretty likely to blow 20 cents on an occasional QSL card.

Big operations are much less likely to be so generous...

QRPers are at the top - why? Fewer QSOs, thus each is more significant.

Just a theory.

Only three days until I head for Arizona! Big chance to work the Pacific folks I can only dream of working from here!

I'm comin', Joe!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

Date: Mon, 21 Jul 97 10:16:49 PDT
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-l@lehigh.edu (qrp)
Subject: [23455] Jade products email/webpage?
Message-ID: <9707211716.AA28873@wizard.ucs.sfu.ca>

Does anyone know what has happened to the Jade Products website etc.

I've tried the previously posted addresses and some of the Ham links but no joy.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Date: Mon, 21 Jul 1997 11:26:42 +0000
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: rob3ert@juno.com (Robert G. Parks), qrp-1@Lehigh.edu
Subject: [23456] Re: iambic practice
Message-ID: <199707211727.LAA26701@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>>When I learned Morse code, di-dah-dah-dah-dah was the
numeral one. Period was di-dah-di-dah-di-dah. Did I
mis-learn?
<<

No, I'm UN-learning it. It seems as hard to type di-dahs as it was
to learn them in the first place. Thanks for pointing out the goof.

Yes, I also misdefined a dactyl-- stress is on 1st, not second
syllable. Suffering from syntactic dyslexia or something.

Marshall G. Emm
Milestone Technologies
(303) 752-3382
<http://www.mtechnologies.com/mthome>

Date: Mon, 21 Jul 1997 10:09:52 -0700 (PDT)
From: Bob Okas <vintage@best.com>
To: WD6BOR@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [23457] Re: Wanted: Mnemonic for color code
Message-ID: <Pine.SGI.3.95.970721095617.10590C-1000000@shellx.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK Gang,

Now that everyone's up to speed with the "normal" colors, do you know what a silver colored third band means?

I thought so...

Got burned this weekend by that. Turns out a color monitor I was repairing (no docs, so I was really doing some detective work) wasn't working, even though I had replaced the obviously fried power supply components. Resistor in the source leg of the switching mosfet had a color code of orange-white-silver-gold. "Hmmm, 3.9 Ohms", I thought. The #@\$\$!! thing even measured 3.9 Ohms! You guessed correctly if you said it's supposed to be 0.39 Ohms. Murphy was working overtime to come up with that! Replaced it and monitor purrs nicely now.

So, to review: 3rd band - silver: 0.01 multiplier
3rd band - gold: 0.1 multiplier

I've committed this to memory now...

73/2,
Bob - W3CD

Date: Mon, 21 Jul 1997 11:24:32 -0700
From: Ed Loranger <we6w@qsl.net>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.edu>
Subject: [23458] Re: KH6AFS - 2watts from Hilo, HI
Message-ID: <33D3A960.1CA8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've worked him again Saturday. My 1.8 watts from the HW-8 and a North/South radiating Dipole cut for 7.04 MHz and tuned with my tuner for usability on 14.06 MHz.

First his Sterba Curtain, Now his Rhombic.

Sam tore modified his Sterba only 2 hours prior to our QSO. He Favors the Sterba Curtain.

BIG SIG SAM!

-Ed L.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 21 Jul 1997 12:43:38 -0600

From: John Evans - N0HJ <jaevans@codenet.net>

To: qrp-l@Lehigh.edu

Subject: [23459] R.T. Burton es 8640B generators

Message-ID: <33D3ADDA.3608@codenet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Greetings,

Just wanted to let everyone on the list know that I received and checked out the 8640B (mil version) sig generator that I purchased a few weeks ago from R.T. Burton & Company. I was in need of a signal generator to round out my test bench and this puppy does the trick.

The signal generator arrived just fine. The packing material consisted of packing peanuts only - I was expecting maybe blown in formed foam, but the sturdiness of the mil version case really does not need it. Upon opening, I found a yellow-cased 8640B which had been painted green, complete with lead tape where an AF calibration form had once been secured (I recognized this off the bat, since I was an AF PMEL technician in a past life and had actually calibrated an 8640B a few times).

The beast fired up and was running in no time. A quick cursory check showed me that all functions worked fine. I was even able to put a signal to a dummy load and check out the output for rough calibration on my receiver. Unable to do an exhaustive check and calibration, I still must say that this box is well worth the \$441 I spent on it.

Now, I need to locate a manual for this and I am set.

The usual disclaimers - just a happy customer !!!

73/72 de n0hĵ

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Mon, 21 Jul 1997 14:52:11 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: owen@piper.eeel.nist.gov, qrp-l@Lehigh.edu
Subject: [23460] RE: Can't hear W1's from 7 land
Message-ID: <970721145156_949568772@emout03.mail.aol.com>

Just when I am ready to jump on the band wagon and complain about the band conditions I work Hawaii and SC back to back Saturday nite...go figure.
Alan (KB7MBI in WA).

Date: Sat, 19 Jul 1997 10:12:00 +0100
From: "Frank, G3YCC." <g3ycc@gqrpcclub.demon.co.uk>
To: qrp-l@lehigh.edu, gqrp-l@blacksheep.org
Subject: [23461] Web site info
Message-ID: <UT3YnVAgTI0zEw2i@gqrpcclub.demon.co.uk>
MIME-Version: 1.0

Thought ypu may have maybe missed this info-
Quote from SMOVPO:

<http://user.tninet.se/~acz732k/>

Amongst my constructional projects are:

BASIC INFO FOR BEGINNERS

How to solder

Component identification

tools

How to calculate heatsinks

ANTENNAS

- Remote tuning of tuneable antennas
- Basic dipole information
- Short antennas for the HF bands
- A balcony/terrace antenna (worked JA on it)
- Packing crate antenna
- Frame antenna

RECEIVERS

- General coverage HF receiver
- Cigar box HF receiver - uses battery valves
- IC HF receiver
- HF direct conversion receiver
- Regenerative HF receiver
- HF and VHF receiver using ZN414 (ZN416)
- Modifying domestic receivers for HF SSB
- Modifying domestic receiver for 160 meters
- Synthesized receiver

TRANSMITTERS

- FM (88+108MHz) 'BUG' (can be modified for 30 MHz)
- 250mW HF bands CW TX
 - 4 watt PS for the above
- 5 watt CW TX - dead easy to build
- CW TX using voltage regulator
- Single valve TX
- Two valve TX
- Cigar box transmitter (valve)
- 145MHz FM TX
- QRP SSB TX
- 3 watt linear 1 - 30 MHz
- Phasing method SSB exciter
- 500 watt linear amplifier
- April 1st transmitter
- 10 watt linear amplifier (30dB gain)

USEFUL

- VHF NBFM Crystal RX based on a coffee tin
- 250vDC for valves using modern components
- Stereo enhancement for HF CW
- CW filters
- Self tuning CW filter
- Q-multiplier
- CW keyer using 'relay logic'

DATA/INFORMATION

- QRP frequencies
- Measuring micropowers

Making PCBs, several methods
G0TLAs QRP circuit database on packet
Coil winding and 'turns' calculation.

DOWNLOADING

Signal generator program
All my QRP@WW circuits in a ZIP file
PCB foil for BUG TX (later version)
'Adult' screen saver

BREWING BOOZE

Brewing beer, wine and 'mash'
Distilling the mash (3 methods)
Making liquours

----- and more -----

Frank, G3YCC GQRP Club 042
Packet: G3YCC@GB7HUL
QRP Web Page: <http://www.gqrpclub.demon.co.uk>

Date: Mon, 21 Jul 1997 12:09:42 -0700
From: Ed Loranger <we6w@qsl.net>
To: kd1jv@moose.ncia.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23462] Re: Can't hear W1's from 7 land
Message-ID: <33D3B3F6.4E21@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been getting some Northeast stations MUCH better
with my North/South Radiating Dipole lately.

I think you've got something here. Low sunspots might have
something to do with it.

This just my observation and agreement.

-Ed L.

Steven Weber wrote:

>

> Don't fell bad, I can't hear any 7's from my Northern New Hampshire QTH. At
least not on 40. In fact my signal seems to stop at the Mississippi. Points south
seem to come in good, even though my antenna is optimum to the west.

>

> I have a theory that during times of low sun spots, the signals tend to travel along the lines of magnetic flux and they don't like to go across them. Stations more centrally located, such as in the midwest, have a much better chance at WAS. It would be fun to graph the number of WAS vs QTH and see what it looks like.

>

> Anyone else have similar observations?

> Steve, KD1jv....In the White Mountains of New Hampshire

>

> "Melt Solder"

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 21 Jul 1997 12:22:59 -0700
From: Gary Evans <gevans@lightspeed.net>
To: qrp-l@Lehigh.edu
Subject: [23463] Backpacking & satellite data
Message-ID: <33D3B713.278D@lightspeed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi...I will be going backpacking this weekend in the High Sierras. Destination is the Kaiser Wilderness at about 9500'. I am taking along the Sierra, a dipole cut for 20 meters, band modules for 20, 30, and 40 meters, and an LDG qrp antenna tuner. I should be operating Friday and Saturday, mostly in the afternoon and evenings at or near the standard qrp frequencies. My callsign is AA6R. I am also interested in seeing if I can view the MIR station. Does anyone know where I can download the orbital data used to track the passes? Thanks and hope to work some of you this weekend. Gary

Date: Mon, 21 Jul 1997 15:27:58 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: rbstalker@CCGATE.HAC.COM
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23464] Re: QSLing coment
Message-ID: <33D3B83E.63BD@postoffice.worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't know that it's that bad. Most 10 meter operators at least in the US are QSL'ing. I've had nearly 100% response to my cards.

--

73 de
KI8CZ
Tom Isgro
OHIO

10-X #68364 SCI #1479 QRP-L #945 ARS #203
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Mon, 21 Jul 1997 15:30:49 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23465] Re: Soldering and PJ's
Message-ID: <33D3B8E9.1BE7@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used to use an ice pick, nice wooden handle that didn't get hot. Of course the pick was ruined for anything else. And I thought a hot blob of solder on the lap was bad, ouch!

--

73 de
KI8CZ
Tom Isgro
OHIO

10-X #68364 SCI #1479 QRP-L #945 ARS #203
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Mon, 21 Jul 1997 16:29:25 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: gevans@lightspeed.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [23466] Re: Backpacking & satellite data
Message-ID: <33D3C6A5.3C05@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARRL post them in their bulletins weekly. subscribe to the wlaw list at
WWW.arrl.org to get them. You might be able to dl them from the ARRL
site without subscribing though. next scheduled release would be this
Thursday. Hope its soon enough and of course you'll need the tracking
software to use the Keplerian data.

--

73 de
KI8CZ
Tom Isgro
OHIO

10-X #68364 SCI #1479 QRP-L #945 ARS #203
C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Mon, 21 Jul 1997 15:58:11 -0500
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)

To: qrp-1@Lehigh.edu
Subject: [23467] QSL'S VIA 'BURRO'
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang:

All the recent talk of QSLing has gotten me curious:

Coincidentally, I've recently wanted to up my DX QSL totals, so decided to take advantage the ARRL's incoming/outgoing services. Have never used the service, as I wasn't concerned about DX QSL's too much. However, I now want to begin collecting paper from other countries (without spending the BIG bucks for direct mailing, IRC's, etc).

1. Realistically, what can I expect on return time? Is one DX area necessarily better than others for return rates? I've heard this called the "BURRO" service before. Are 1+ year turn-around times the norm?
2. The service info doesn't give you the 'nuts and bolts' of how the service works. That is, if I send a QSL, via buro, to a SM0, do they wait until they have a certain # of cards (100, 200, 500) before sending them on to his incoming side? How many cards does his outgoing side wait to have before sending to the USA?

I know this is kind of basic info, but it will help my understanding and, just maybe, someone else's too!

TIA for those who have used the Buro services and are in the know.

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, ARRL
WIMPS: Qs=051 30m=038 17m=08 12m=05 States=026/05/04
DX=02/00/01

Date: Mon, 21 Jul 1997 15:02:40 -0600 (MDT)
From: n5zgt@swcp.com (Brian Mileschosky)
To: qrp-l@Lehigh.edu
Subject: [23468] When is the Belton Hamfest??
Message-ID: <199707212102.PAA16024@kitsune.swcp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Everybody,

Does anybody know when the Belton, Texas Hamfest is, and where I can get info about it? I have QRP-L postponed for now since I am travelling, but you can still either reply to me direct, or I can read the archives when I have a chance. Thanks!

72,
Brian, N5ZGT

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout (12-6-96)	ARRL QRP: NorCal# 1700 QRP-L# 580 AK/QRP # 125
JASM - Troop 41	Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

Date: Mon, 21 Jul 97 15:17:07 MDT
From: Dale Anderson <dalea@artemis.fc.hp.com>
To: qrp-l@lehigh.edu
Subject: [23469] RE: Can't hear W1's from 7 land
Message-ID: <9707212117.AA17403@artemis.fc.hp.com>

Steven Weber <kd1jv@moose.ncia.net> wrote:
> Don't fell bad, I can't hear any 7's from my Northern New Hampshire QTH.
> At least not on 40. In fact my signal seems to stop at the Mississippi.
>

Well that's a bummer... I just bought (and will eventually be relocating to) a new QTH about 30 miles south of Steve. This doesn't sound promising.

Anyway, just a quick comment. I'm currently living in Colorado,

and RARELY hear 1-calls in here. Yet, if I drop an email to my dad (K1EYB, in Maine) saying to meet me on a certain frequency at specific time, we can have a successful QSO (40m CW @ 5w) at least 50% of the time. I find it interesting that he and I can work the distance, yet it is so rare that I hear other 1-calls. Could it be that most of the hams in 1-land are either QRT or are hiding out in phone seg's (which I almost NEVER venture into)?

72/73,

-Dale, KB0VCC

Fort Collins, CO

QRP-L #91 / CQC #251

ARS #234 - BB #37 / FISTS #3172

Date: Sat, 19 Jul 1997 08:42:17 +0100
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-l@Lehigh.edu
Subject: [23470] Re: Price for Alinco DX-70 T in USA please
Message-ID: <sMr4vBAZ\$G0zEwQe@stevef.demon.co.uk>
MIME-Version: 1.0

Thanks to the 20 or so of you who sent me personal E Mail giving details of the price availability of the DX-70T. For other possible DX Customers :-

Typical price Alinco DX70-T 860 US Dollars (10W on 6M)
Alinco DX70-TH 970 US Dollars (100W on 6M)

Import into the UK will add shipping/tax charges of about 25% (17.5 VAT, the balance for shipping). There may be an additional import tax to pay of about 4% but I cannot confirm this. Figures below exclude the 4%.

Thus DX70-T works out at 1075 USD and DX70TH is 1212 USD. The Sterling equivalents, based on 1 UKP = 1.64 USD, are 655 and 739. Thus the savings are UKP 40 and 36 respectively against list prices which are often negotiable.

In this case it seems that there is little advantage in importing the rig. It's worth noting that the import duty/tax are almost as much as it would cost for a bargain return air ticket to the USA.

Thanks again for the responses to my original post. If I can be of help in return let me know.

--

Stephen John Farthing MBCS GOXAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Mon, 21 Jul 97 14:35:58 PST8
From: rbstalker@CCGATE.HAC.COM
To: qrp-1@Lehigh.edu
Subject: [23471] QSLing coment
Message-ID: <9706218695.AA869521662@CCGATE.HAC.COM>

A while back i sent out 40 QSL cards;
20 via the QSL bureau, 10 direct mailed and 10 with SASE.

IT is good to leard that QSL returns are better than my small sample showed.
And the fact that the qsl bureau closed the week after i mailed the 20
cards for sure had some impact. additional data: all were from 40 mtrs,
fox hunts, fybo, qrp in the field and general QSO's. I would say another
sample this fall is required.

thanks to everyone es 72/73

W7GVN ROD TUSCON

Date: Mon, 21 Jul 1997 17:55:23 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: owen@piper.eeel.nist.gov, qrp-1@lehigh.edu
Subject: [23472] RE: Can't hear W1's from 7 land
Message-ID: <970721175425_-1661743781@emout07.mail.aol.com>

Jim,
Should have stated that in my note to you originally. It seems 40M (novice)
around 7.118 and 7.140 are the "hot spots" lately sometime around 0300-0500Z
and . They open quickly, stay open for an indeterminate period of time and
close just as quick as they opened. I find that I have to keep the freq
around 7.12 monitored then pounce before everyone else does. I have answered
a station that was a 589 and he disappears by the end of my xmission.

During these openings I "shoot" quick for the basic info and if time allows, a little rag chew. The SE states (4's) seem to be easier to reach around 1200 to 1300Z.

In the 0300-0500 the stronger stations I have been receiving in the past week mostly have ground plane antennas and only a few dipoles (like me).

Hope this is of some help.....Alan (KB7MBI)

Date: Mon, 21 Jul 1997 18:10:51 -0400 (EDT)
From: aluscre@marconi.w8upd.uakron.edu (Anthony Luscre)
To: qrp-1@Lehigh.edu
Subject: [23473] FS TenTec QRP
Message-ID: <9707212210.AA03420@marconi.w8upd.uakron.edu>
Content-Type: text

For Sale:

Argonaut 515

Condition is very near mint (previous owner drilled 3/8" hole on rear panel and installed BNC connector in place of original RCA antenna jack). Works very well.

Owner manual included.

Asking \$425 plus shipping from Ohio.

Argonaut II (535)

Excellent condition except for top metal panel has a couple of deep scratches.

Owners manual included.

Hand mike included.

Asking \$750 plus shipping

Computer interface for Argonaut II (TenTec model 305) which also works with many other TenTec and Icom radios

Asking \$40 plus shipping

TenTec model 290 Step attenuator for Argonaut II or other Ten Tec Radios

Asking \$25 plus shipping

Attenuator & Interface are available with Argonaut II or only after Argonaut II is sold.

TenTec RX-10 Receiver (PM vintage) Medium to slightly rough condition

Asking \$30 plus shipping

Anthony Luscre

KA8NRC

216-650-9561

Date: Mon, 21 Jul 1997 18:23:16 +0000
From: "Jeff Casey" <WB5GWB@sprynet.com>
To: qrp-1@Lehigh.edu
Subject: [23474] Code practice freeware?
Message-ID: <199707212223.PAA28172@m7.sprynet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Does anyone know of a website that has code practice freeware?

I thought I'd install some on my home computer, in the same folder as my kids' games, and see if any of them will use it. ;-)

Thanks & 72,
Jeff, WB5GWB

Visit the LIQRP webpage: <http://www.hamtrader.com/liqrp/index.htm>
or contact me for info on LIQRP.

"The Long Island QRP Club -- Low Power Amateur Radio at its FUNest"

Date: Mon, 21 Jul 1997 21:47:46 +0100
From: Paul Mackanos <w2pj@FRONTIERNET.NET>
To: qrp-l@Lehigh.edu
Subject: [23475] Resistor Color Code (THE EASY FUN WAY)
Message-ID: <33D3CAF2.5C9B@frontiernet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

THE NINE DAYS OF CLASSES

(TO THE MELODY OF "The Twelve Days of Christmas")

ZERO is BLACK (the beginning of infinity)

On the first day of classes, my teacher gave to me -
ONE BROWN bear in a big tree.

On the second day of classes, my teacher gave to me -
TWO RED hens and ...

On the third day of classes, my teacher gave to me -
THREE ORANGE orangatangas,...

On the fourth day of classes, my teacher gave to me -
FOUR YELLOW yaks,...

On the fifth day of classes, my teacher gave to me -
FIVE G-R-E-E-N grapes,...

On the sixth day of classes, my teacher gave to me -

SIX BLUE birds,...

On the seventh day of classes, my teacher gave to me -

SEVEN VIOLET violins,...

On the eighth day of classes, my teacher gave to me -

EIGHT GREY geese,...

On the ninth day of classes, my teacher gave to me -

NINE WHITE whales,...

Now, this may seem CORNY, and I also thought so, but after you sing it (make the class do it, so you don't feel stupid too), sing along in your mind.

I have known the color code for 35 years, and the old way (not politically correct anymore) has served me well. But let me say this, ONCE you have sung this song a few times, it it automatic, just automatic. If I look at a resistor now, and it is red, red, orange, my mind automatically says 223, so I know its 22,000 ohm resistor. No more of the bad boys, etc. then thinking of what number it is, or using your fingers to count it out as you say the saying.

TRY IT, YOU"LL LIKE IT !!!!!!!!!!!

let me know !!!!!!!!!!!

73

Paul Mackanos K2DB
86 Close Hollow Drive
Hamlin, NY 14464
w2pj@frontiernet.net
<http://www.frontiernet.net/~w2pj>

--
Paul Mackanos K2DB
86 Close Hollow Drive
Hamlin, NY 14464
w2pj@frontiernet.net
<http://www.frontiernet.net/~w2pj>

Date: Mon, 21 Jul 97 12:43:55 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@lehigh.edu
Subject: [23476] FS MFJ 9020
Message-ID: <9707212243.AA15749@krypton.nmr.Hawaii.Edu>

I have a nice unbuilt TenTec 20 meter Xciever kit so I would like to sell my like new MFJ 9020 CW 20 meter transciever with keyer and audio filter installed. When I get the TenTec built it will be completely superfluous, until then I have my trusty Argo 556.

Shipping via UPS second day air will be about \$12.00

Mike Burger AH7R Honolulu County Grid: BL11ch QRP-L #1053
 FISTS #3225 ARS #240 "Under the Bee's ... 28"

End of QRP-L Digest 794

